2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

July 9, 2020

We will begin in just a few moments. Thanks!
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of July 8, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

[COVID.sd.gov](https://COVID.sd.gov)
Agenda

- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

Note: Slides and a recording of the presentations will be posted to doh.sd.gov/news/COVID19/Calls.aspx following the webinar.
Situation Update
Coronavirus Situation  (as of July 2, 2020)

- **International**
  - 11,669,259 confirmed cases
  - 539,906 deaths

- **United States** (50 states + DC)
  - 2,982,900 confirmed cases in U.S.
  - 131,065 deaths

- **South Dakota**
  - 7,242 confirmed cases in South Dakota
  - 98 deaths
  - 6,280 recovered
As of July 2, 2020

Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

Positive Cases in South Dakota by Date

Positive Cases

0 100 200 300


Positive Cases  5-Day Moving Average
COVID-19 Cases, by County

As of July 2, 2020
General Testing Recommendations

As of June 18, 2020

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

Selected CDC Guidance Update

• Recommendations for Tribal Ceremonies and Gatherings

• What Seroprevalence Surveys Can Tell Us

• Considerations for Testing in Correctional and Detention Facilities

• Considerations for Traveling to Amusement Parks and Carnivals

Laboratory Guidance
Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider.

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals
Continued Expansion of SARS-CoV-2 Testing

- SDDOH with the support of the Governor’s Office purchased and placed a Hologic Panther at Monument Health in Rapid City which brings significant SARS-CoV-2 testing capability to the Black Hills.

- SDDOH recently purchased an additional 20 Abbott ID Now instruments for placement throughout South Dakota.

- SDDOH will purchase as many as 40 Quidel Sophia instruments and 10,000 tests to ensure availability of SARS-CoV-2 antigen testing this fall.
SARS-CoV-2 Testing Support: Rally 2020

Abbott ID Now Rapid Testing:

• Current:
  – Spearfish (1)
  – Rapid City (1)
  – Hot Springs (1)

• Pending:
  – Spearfish (1)
  – Sturgis (2)
  – Rapid City (5)
Antibody Testing for SARS-CoV-2

• Because of delays with FDA EUA approval of antibody tests from the manufacturers Abbott and bioMerieux, SDPHL must delay implementation of COVID-19 antibody testing

• Antibody testing implementation is now anticipated in August

• In accordance with federal recommendations, SDPHL will:
  − Provide a dual-antibody testing algorithm for SARS-CoV-2
  − Only use FDA EUA-approved tests
    − IgM and IgG on the Abbott Architect
    − IgM and IgG on the bioMerieux VIDAS3
Long-Term Care Sentinel Surveillance

• Sentinel surveillance is beginning in 104 nursing homes and over 50 assisted living facilities in South Dakota

• Assisted living facilities that want to enroll in sentinel surveillance should contact:
  – Julie.Jenssen@state.sd.us
  – Lori.Konst@state.sd.us
Long-Term Care Sentinel Surveillance

• Acceptable specimens include the following:
  – Nasopharyngeal swab
  – Nasal swab
  – Oropharyngeal swab

• Some facilities are submitting swabs in transport media without swabbing the anterior nares, nasopharynx, or oropharynx

• SDPHL SARS-CoV-2 testing detects human genetic material so we know when a sample has not been collected appropriately
SARS-CoV-2 Testing Support for Colleges and Universities

• SDDOH is completing a plan to help support SARS-CoV-2 testing for faculty, staff, and students at South Dakota’s public colleges and universities

• SDDOH will support college/university student health clinics with Abbott ID Now instruments and an initial allocation of test kits

• Additional details will be released the week of July 20
Infection Control
COVID-19 Personal Protective Equipment (PPE) for Healthcare Personnel

**Preferred PPE – Use** N95 or Higher Respirator

- Face shield or goggles
- One pair of clean, non-sterile gloves
- Isolation gown
- N95 or higher respirator

When respirators are not available, use the best available alternative, like a facemask.

**Acceptable Alternative PPE – Use** Facemask

- Face shield or goggles
- One pair of clean, non-sterile gloves
- Isolation gown
- Facemask

N95 or higher respirators are preferred but facemasks are an acceptable alternative.

cdc.gov/COVID19

(Update 5/23 & 5/29)

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<tr>
<th>Exposure</th>
<th>Personal Protective Equipment Used</th>
<th>Work Restrictions</th>
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<tbody>
<tr>
<td>HCP who had prolonged close contact(^1) with a patient, visitor, or HCP with confirmed COVID-19(^3)</td>
<td>• HCP not wearing a respirator or facemask(^4)  &lt;br&gt;• HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask  &lt;br&gt;• HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure(^1)</td>
<td>• Exclude from work for 14 days after last exposure(^6)  &lt;br&gt;• Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19(^6)  &lt;br&gt;• Any HCP who develop fever or symptoms consistent with COVID-19(^6) should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.</td>
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Archived Calls

SD GUIDANCE FOR HEALTHCARE PROVIDERS

- Guidance on specimen collection and testing, infection control practices, and other considerations are available at:
  - SD-HAN 20-016: COVID-19 Isolation Discontinuation Guidance (5/1/20)
  - SD-HAN 20-007: Guidance on Evaluating Persons for COVID-19 Infection (Updates SD-HAN 20-003)
  - SD-HAN 20-006: Healthcare Facility Checklist
  - SD-HAN 20-005: CDC COCA Call
  - SD-HAN 20-004: Webinar for Healthcare
  - SD-HAN 20-003: Evaluating Persons for COVID-19
  - SD-HAN 20-002: Monitoring and Movement Guidance on Novel Coronavirus
  - CDC Clinician Call: What Clinicians Need to Know to Prepare for COVID-19
  - CDC HAN Messages
  - CMS Guidance
  - Clinician Outreach and Communication Activity (COCA) Calls/Webinars (CDC)

- Archived COVID-19 Conference Calls

  - Personal Protective Equipment (PPE) optimization strategies: Provides options for extended use, reprocessing, and reuse of the various PPE components given current shortages of PPE being reported in many areas of the country.

  - Cleaning and Disinfecting 3M Powered Air Purifying Respirators following Potential Exposure to Coronavirus

  - COVID-19: Healthcare Responder Stress Guidance - During the COVID-19 outbreak in South Dakota, you may experience far greater than average stress. This document will help you learn ways to recognize your stress reactions and practice stress management.

Community Mitigation
Dashboard

Staffed Hospital Bed Capacity

<table>
<thead>
<tr>
<th>% COVID-19 Occupied Hospital Beds</th>
<th>% Non-COVID-19 Occupied Hospital Beds</th>
<th>% Available Hospital Beds</th>
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<tbody>
<tr>
<td>4%</td>
<td>41%</td>
<td>55%</td>
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Staffed ICU Bed Capacity
Supply Chain Management
All requests for PPE from DOH must be:

• Emailed to COVIDResourceRequests@state.sd.us
• Faxed to 605.773.5942, or
• Called in to 605.773.3048 to ensure prioritization and coordination of requests.

• **Do not** duplicate your request by using all three means of communication.

• Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call 605.773.3048 and requesting entities must provide information regarding their current facility status.
On-going Communication
Helpful Information Sources

COVID.sd.gov

coronavirus.gov

SD COVID-19 Help Line: 800-997-2880
Communications

- **SD-HAN**: sdhan.sd.gov
- **Epi Listserv**
- **Lab Listserv**
- **HAI Listserv**
- **OLC Listserv**

Visit [COVID.sd.gov](https://COVID.sd.gov) to subscribe
Questions?

COVID Helpline: 800-997-2880
Epidemiology: 605-773-3737
Laboratory: 605-773-3368

COVID.sd.gov
COVIDSD@state.sd.us